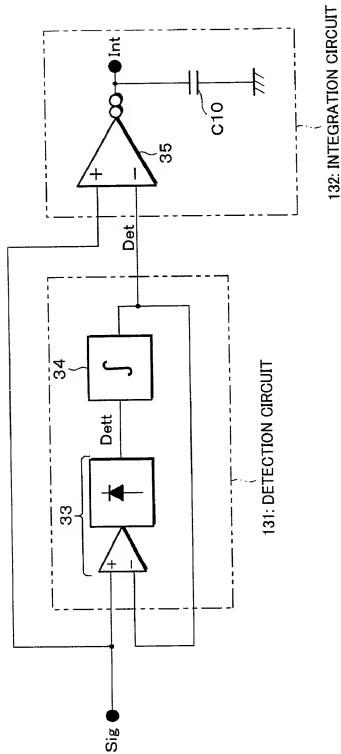


FIG. 1

130: CARRIER DETECTION CIRCUIT





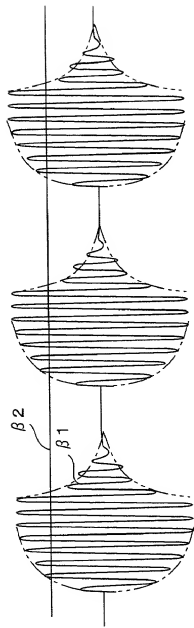


FIG. 3 (a)

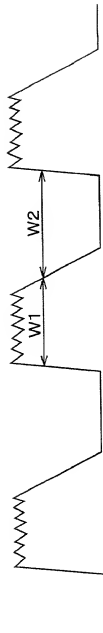


FIG. 3 (b)

FIG. 4

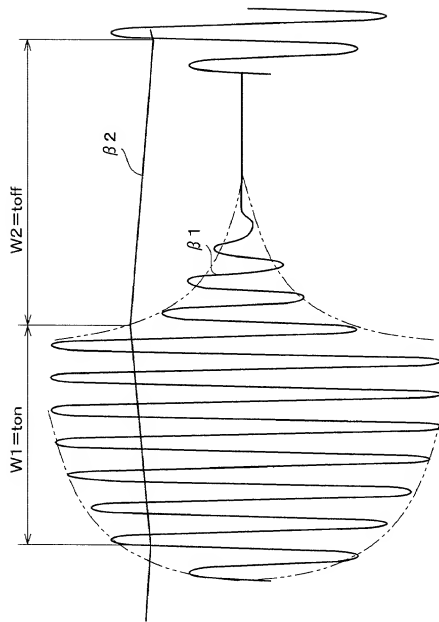


FIG. 5

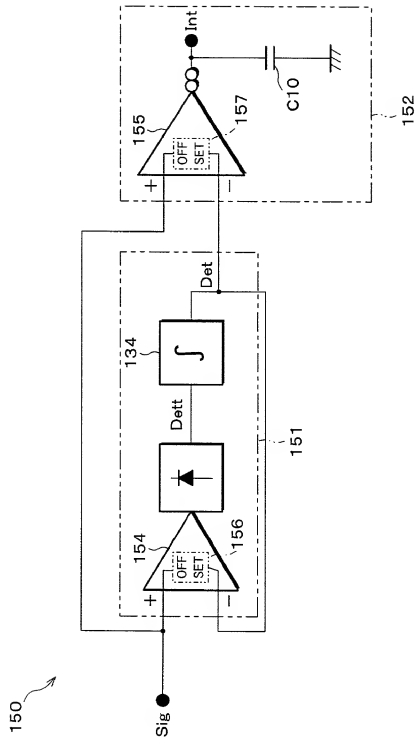


FIG. 6

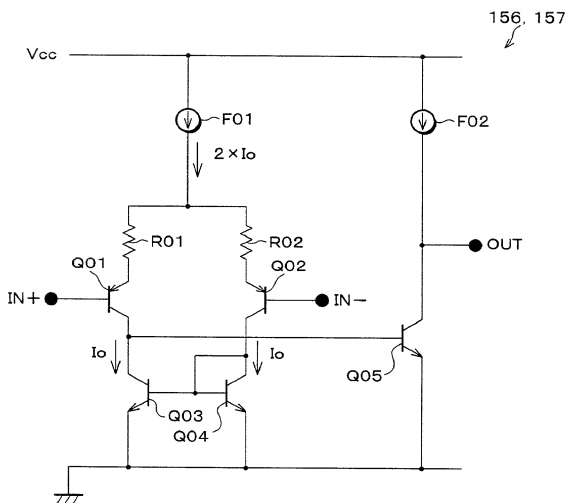


FIG. 7

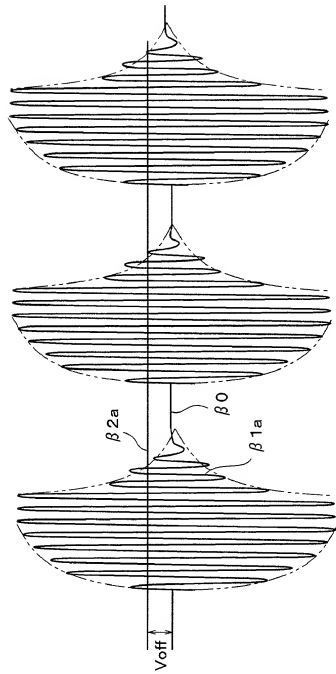


FIG. 8

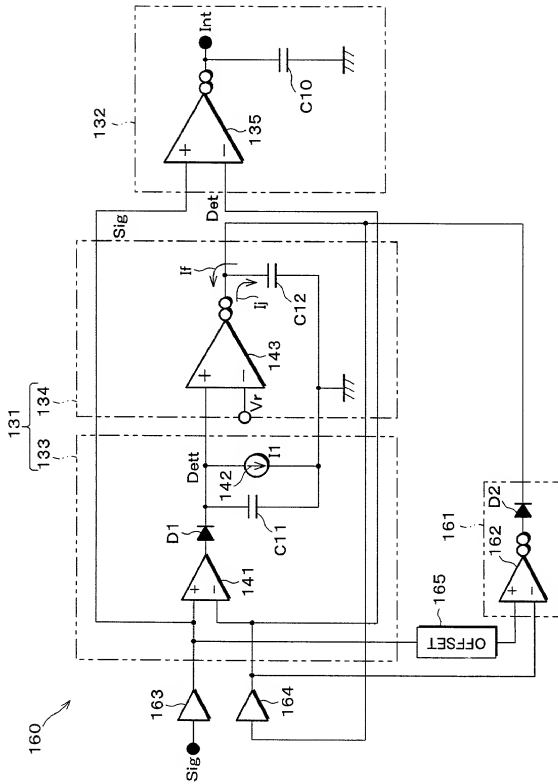
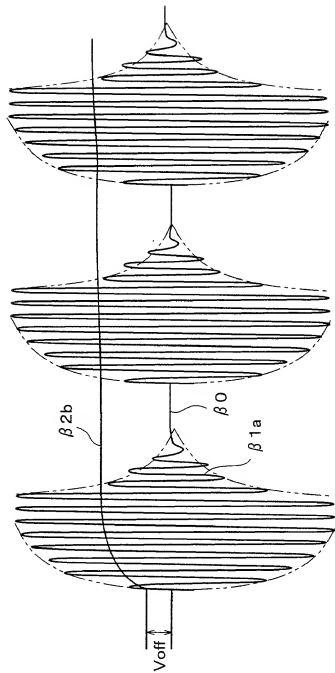




FIG. 9



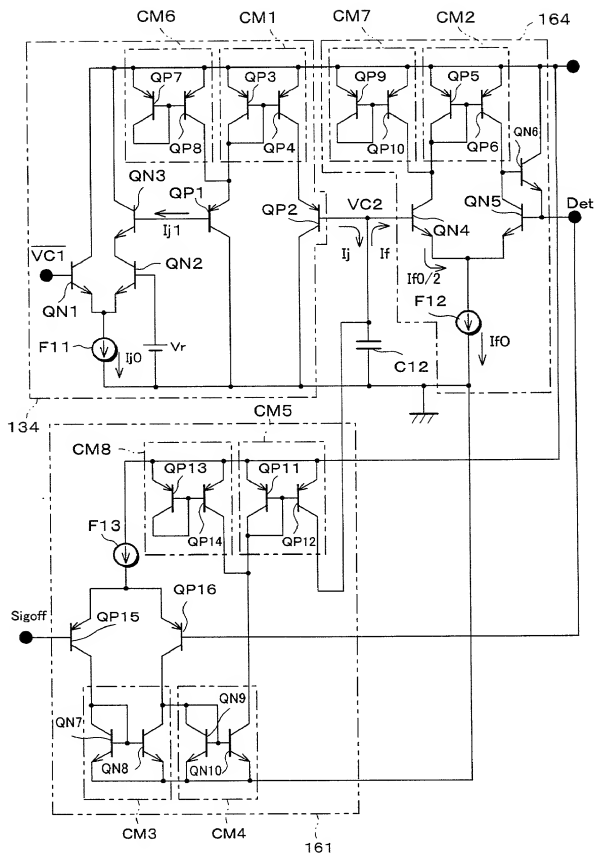
[illegible]



FIG. 12

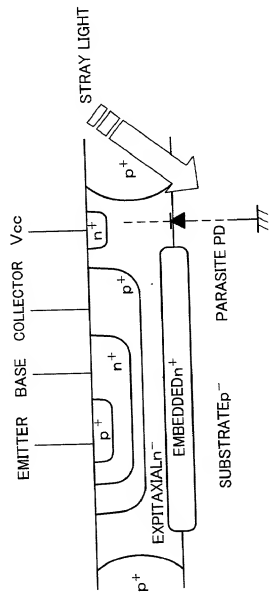


FIG. 13

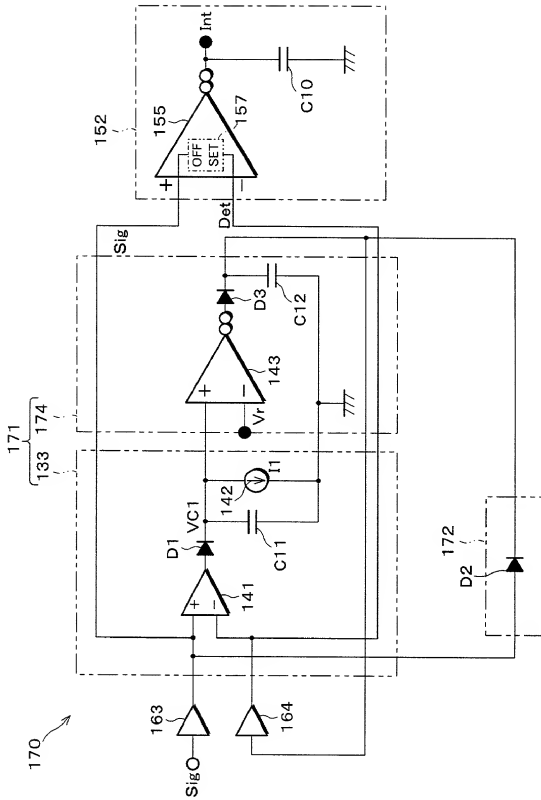


FIG. 14

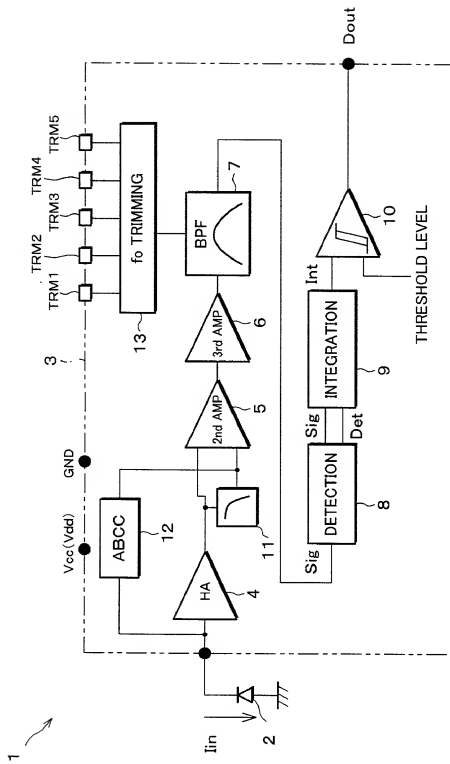


FIG. 15 (a)



FIG. 15 (b)

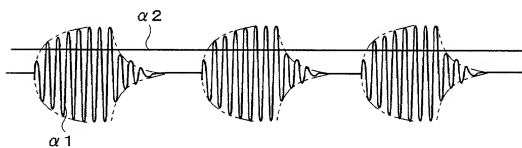


FIG. 15 (c)



FIG. 15 (d)



FIG. 16

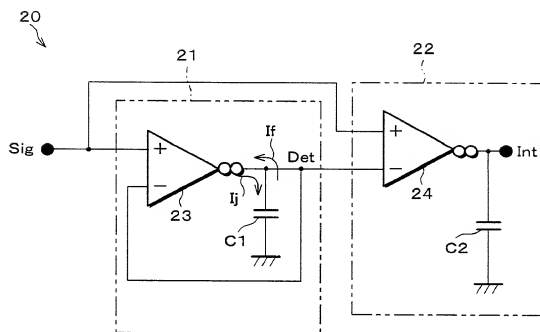




FIG. 17

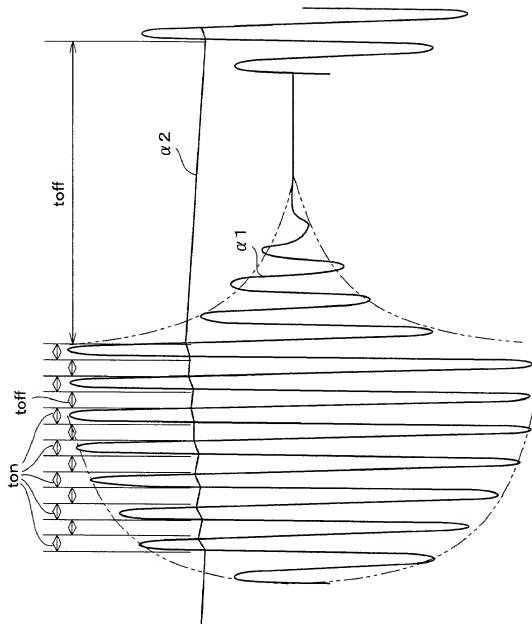


FIG. 18

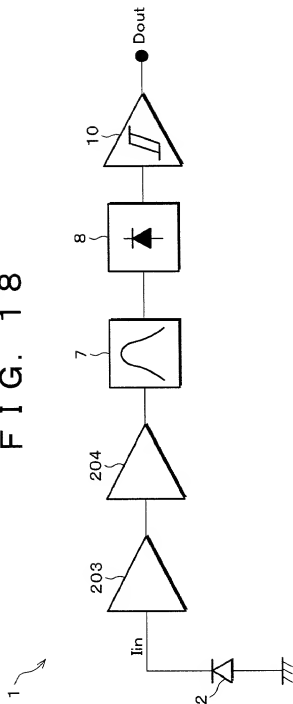


FIG. 19

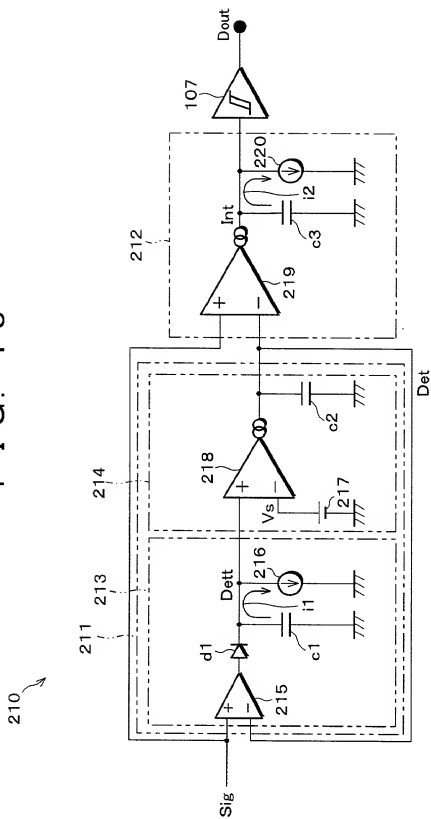


FIG. 20 (a)

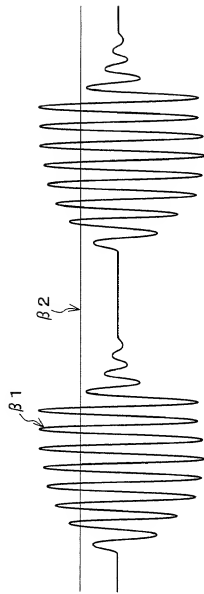


FIG. 20 (b)

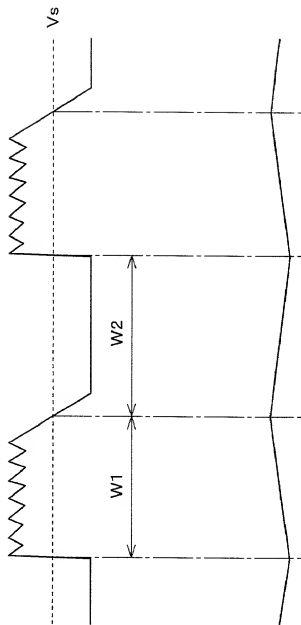


FIG. 20 (c)



FIG. 21 (a)

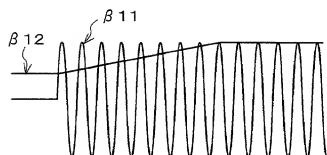


FIG. 21 (b)

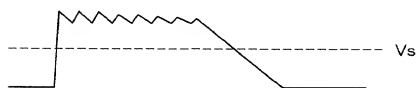
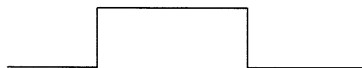


FIG. 21 (c)



FIG. 21 (d)



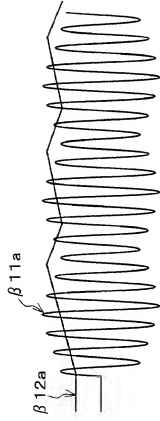


FIG. 22 (a)



FIG. 22 (b)

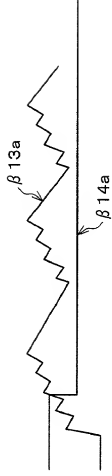


FIG. 22 (c)

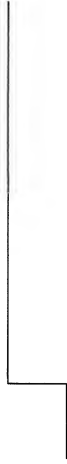


FIG. 22 (d)

FIG. 23 (a)

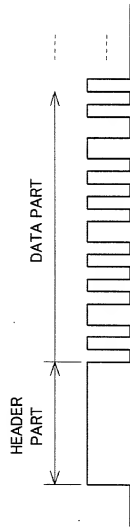


FIG. 23 (b)

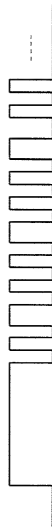


FIG. 23 (c)

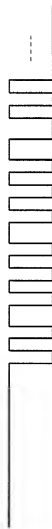


FIG. 24

30 : CARRIER DETECTION CIRCUIT

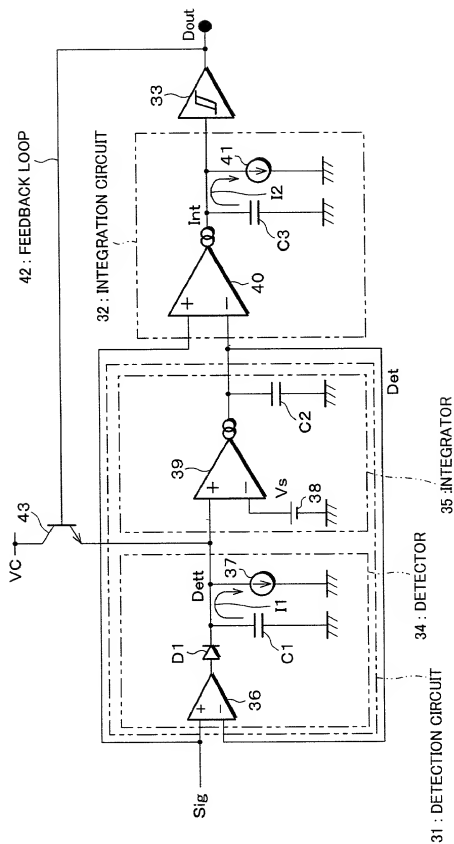




FIG. 25 (a)

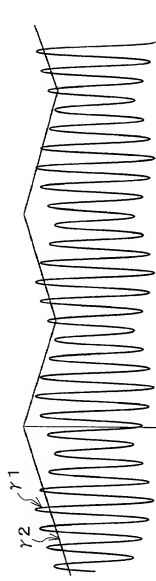


FIG. 25 (b)



FIG. 25 (c)



FIG. 25 (d)

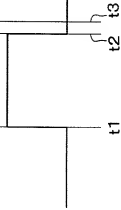
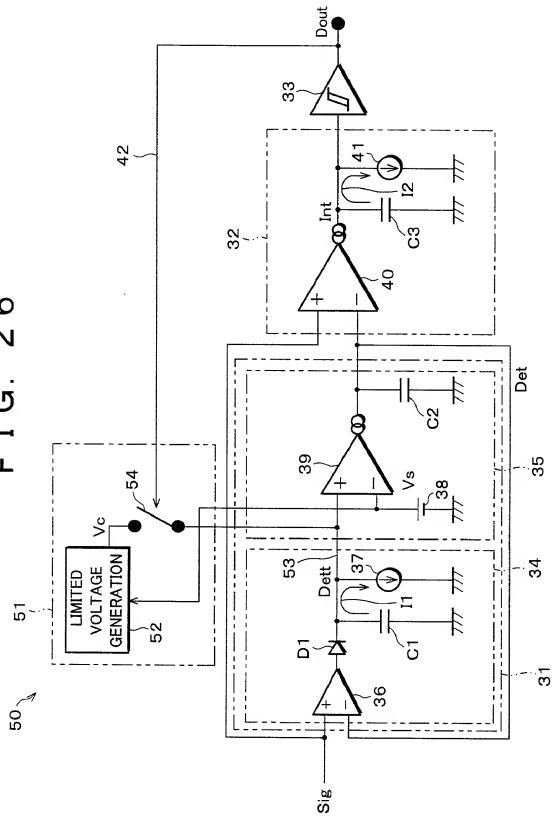


FIG. 26



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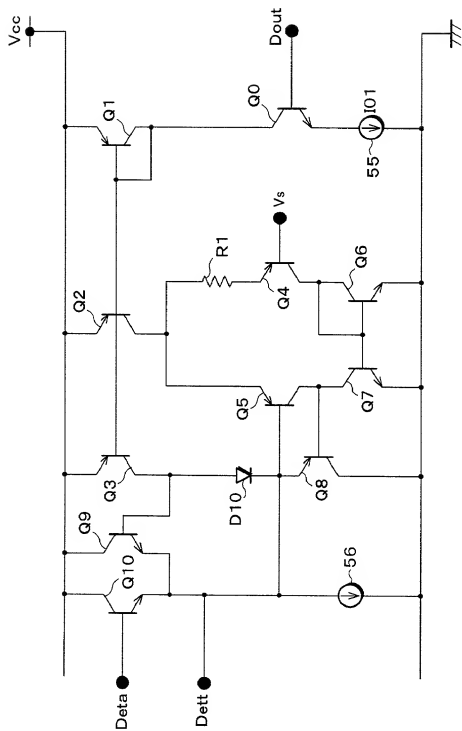


FIG. 28 (a)

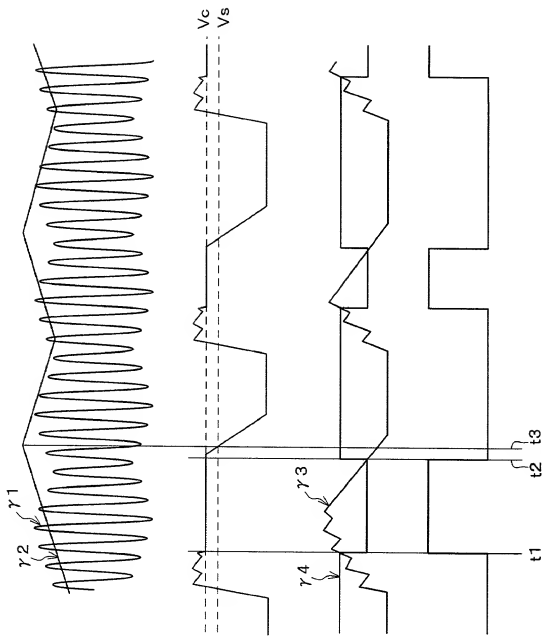


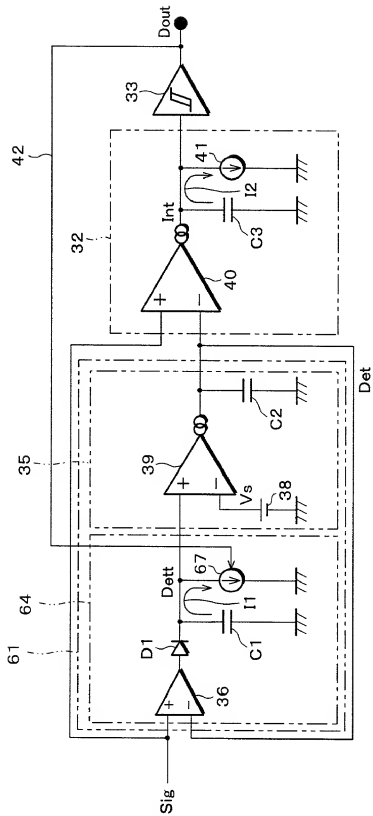
FIG. 28 (b)

FIG. 28 (c)

FIG. 28 (d)

FIG. 29

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# FIG. 30

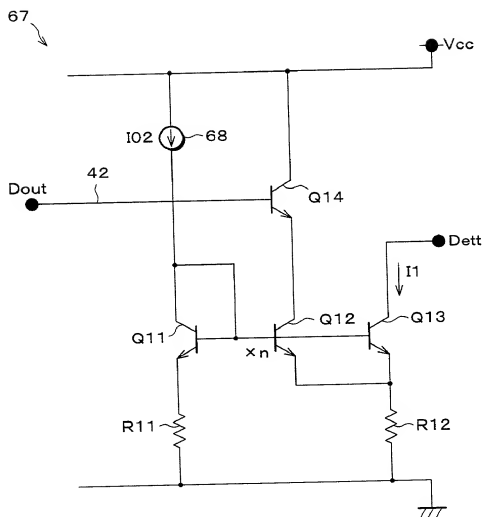


FIG. 31 (a)

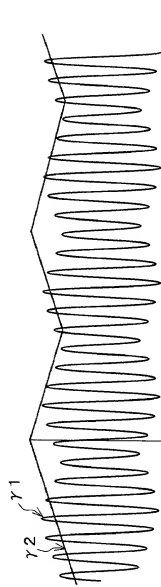


FIG. 31 (b)



FIG. 31 (c)



FIG. 31 (d)



FIG. 32

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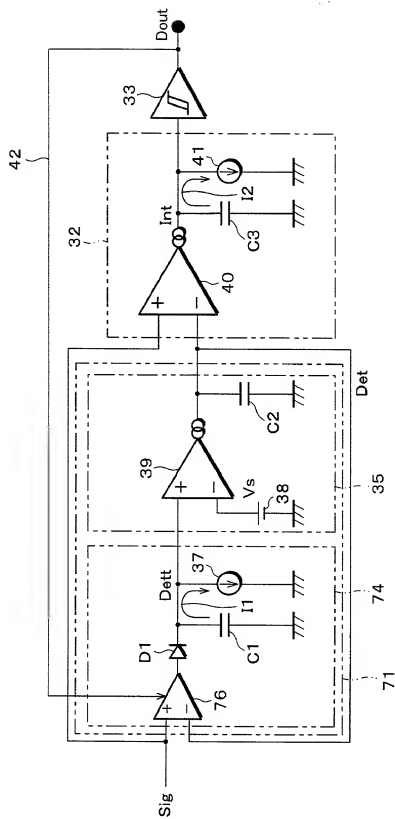




FIG. 33

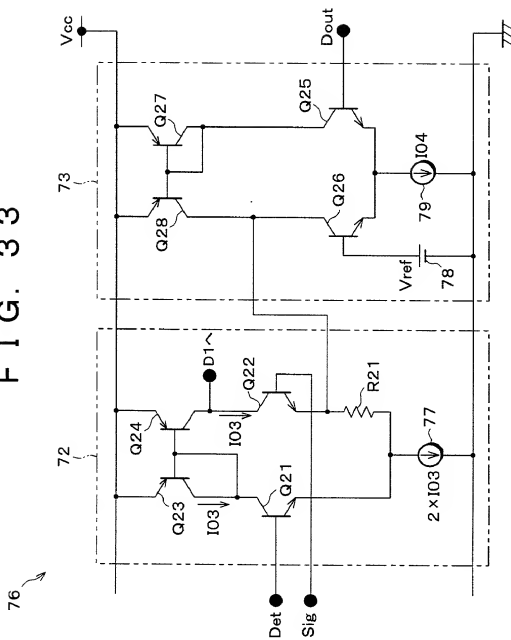


FIG. 34

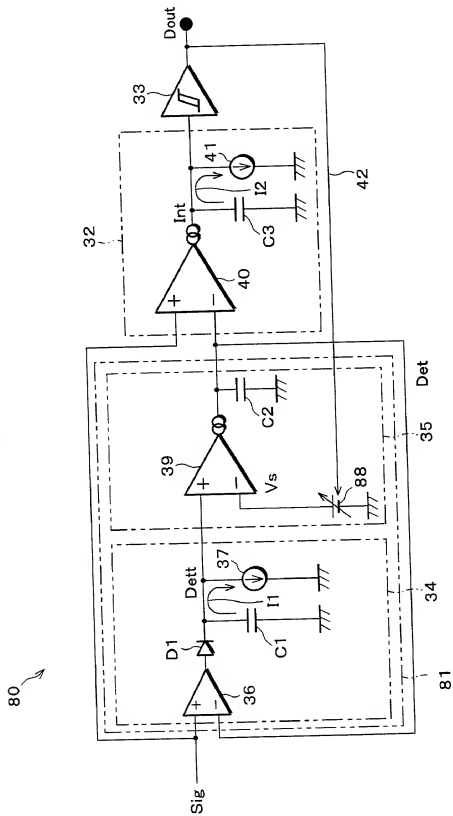


FIG. 35

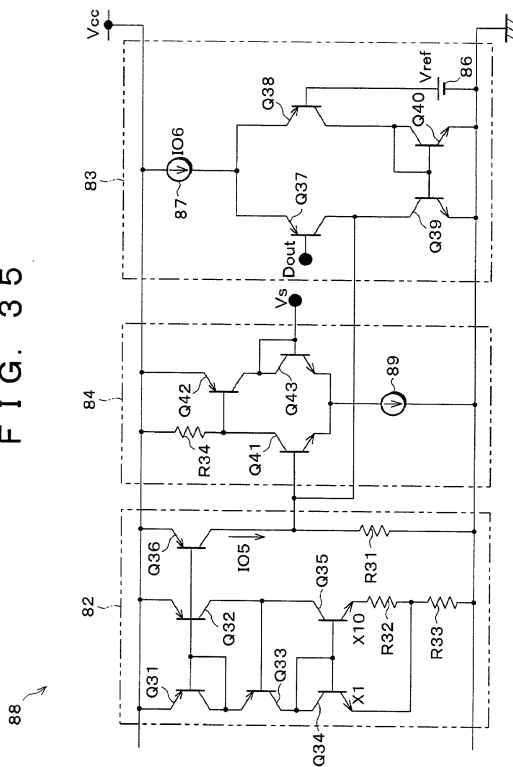


FIG. 36

